

Amendments to the Claims

Applicants request that the Examiner cancel claims 19-22 and 24-27.

Since applicants hereby cancel claims 19-22 and 24-27, no election of species recited in these claims has been made.

Listing of Claims

1. (Original) The product of the process of electroprocessing collagen.
2. (Original) The product described in claim 1, wherein the process of electroprocessing comprises electrospinning collagen fibers.
3. (Original) The product described in claim 1, wherein the process of electroprocessing comprises electrospraying collagen droplets.
4. (Original) The product described in claim 1, wherein the collagen comprises synthetically manufactured collagen.
5. (Withdrawn) A method for making a matrix of collagen comprising:
 - providing a substrate,
 - providing a reservoir of solution comprising collagen wherein the reservoir has an orifice that allows the solution to leave the reservoir,
 - electrically charging either the substrate or the solution, and grounding the other of the substrate or the solution that is not electrically charged, and streaming the collagen onto the substrate to form a matrix.
6. (Withdrawn) The method described in claim 5, wherein the step of streaming the collagen onto the substrate forms a matrix of collagen fibers.

7. (Withdrawn) The method described in claim 5, wherein the step of streaming the collagen onto the substrate forms a matrix of collagen droplets.

8. (Withdrawn) The method described in claim 5 wherein the substrate defines a preselected shape.

9. (Withdrawn) The method described in claim 5, further comprising treating the collagen matrix with a cross-linking agent.

10. (Withdrawn) The method described in claim 5, wherein the collagen comprises synthetically manufactured collagen.

11. (Withdrawn) The method described in claim 5, wherein the collagen comprises a subset of a collagen molecule.

12. (Withdrawn) A method for making a matrix of collagen comprising:

- providing a substrate,
- providing a target,
- providing a reservoir of solution comprising collagen wherein the reservoir has an orifice that allows the solution to leave the reservoir,
- electrically charging either the target or the solution, and grounding the other of the target or solution that is not electrically charged,
- disposing the substrate between the orifice and the target, and streaming the collagen onto the substrate to form a matrix.

13. (Withdrawn) The method described in claim 12, wherein the step of streaming the collagen onto the substrate forms a matrix of collagen fibers.

14. (Withdrawn) The method described in claim 12, wherein the step of streaming the collagen onto the substrate forms a matrix of collagen droplets.

15. (Withdrawn) The method described in claim 12, wherein the substrate defines a preselected shape.

16. (Withdrawn) The method described in claim 12, further comprising treating the collagen matrix with a cross-linking agent.

17. (Withdrawn) The method described in claim 12, wherein the collagen comprises synthetically manufactured collagen.

18. (Withdrawn) The method described in claim 12, wherein the collagen comprises a subset of a collagen molecule.

Claims 19-22 (Cancelled)

23. (Withdrawn) A method of making a food casing comprising electroprocessing a matrix of collagen.

Claims 24-27 (Cancelled)

28. (Withdrawn) A method of manufacturing leather comprising electroprocessing a matrix of collagen.

29. (Withdrawn) The method described in claim 28, further comprising the step of treating the collagen matrix with a cross-linking agent.

No additional fees are believed due, however, the Commissioner is hereby authorized to charge any deficiencies which may be required or credit any overpayments to Deposit Account Number 23370.

Respectfully submitted,



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